

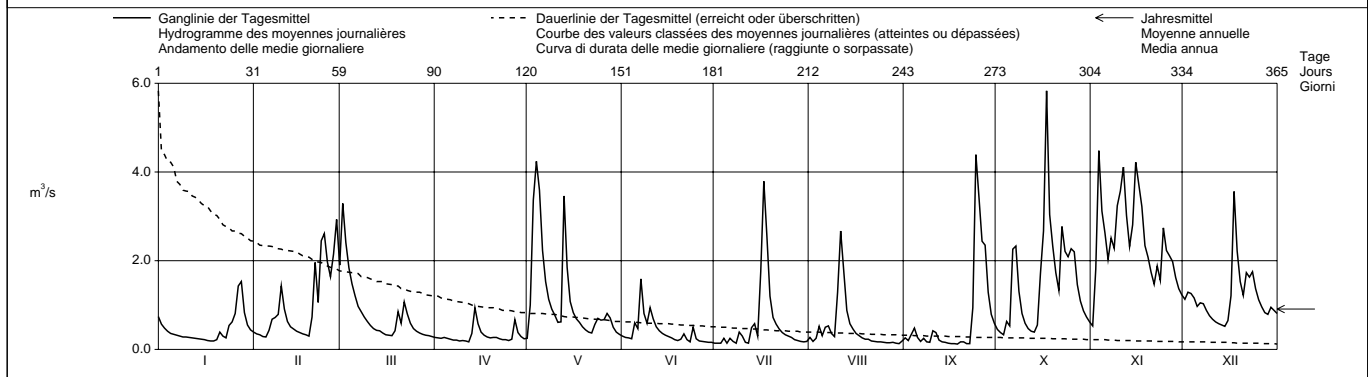
Abfluss
Débit
Portata

Hintere Frenke - Bubendorf, Morgental

BL 309

Koordinaten 622 270 / 256 550 Höhe 352.0 m ü.M. Fläche 38.20 km²
 Coordonnées 622 270 / 256 550 Altitude 352.0 m s.m. Surface 38.20 km²
 Coordinate 622 270 / 256 550 Altitudine 352.0 m s.m. Superficie 38.20 km²
 Mittlere Höhe 603.0 m ü.M. Vergletscherung 0.00 %
 Altitude moyenne 603.0 m s.m. Extension glacier 0.00 %
 Altitudine media 603.0 m s.m. Ghiacciaio 0.00 %

2002		Jan./Janv. Genn.	Feb./Févr. Febr.	März/Mars Marzo	April/Avril Aprile	Mai/Mai Maggio	Juni/Juin Giugno	Juli/Juillet Luglio	Aug./Août Agosto	Sept./Sept. Sett.	Okt./Oct. Ott.	Nov./Nov. Nov.	Dez./Déc. Dic.	
Tagesmittel	1	0.74	0.39	1.90	0.27	0.25	0.30	0.14	0.27	0.26	0.45	0.53	1.13	1
	2	0.57	0.35	3.29 +	0.26	1.00	0.27	0.14	0.18	0.20	0.38	1.81	1.29	2
	3	0.48	0.33	2.41	0.25	3.37	0.26	0.14	0.25	0.34	0.33	4.48 +	1.26	3
	4	0.41	0.29	1.84	0.27	4.24 +	0.24	0.25	0.52	0.48	0.63	3.12	1.16	4
	5	0.36	0.28	1.48	0.25	3.59	0.60	0.14	0.31	0.27	0.53	2.62	0.97	5
	Moyenne journalière	0.34	0.43	1.21	0.23	2.23	0.47	0.25	0.50	0.18	2.26	2.03	1.05	6
	7	0.32	0.68	0.97	0.21	1.53	1.59 +	0.18	0.53	0.25	2.33	2.51	1.03	7
	8	0.30	0.72	0.85	0.21	1.13	0.81	0.14	0.36	0.17	1.31	2.28	0.88	8
	Media giornaliera	0.28	0.79	0.73	0.19	0.91	0.59	0.39	0.29	0.16	0.81	3.24	0.76	9
	10	0.28	1.43	0.63	0.20	0.77	0.94	0.94	1.29	0.42	0.59	3.57	0.68	10
m ³ /s	11	0.27	0.91	0.54	0.19	0.61	0.69	0.16	2.67 +	0.38	0.47	4.11	0.62	11
	12	0.26	0.63	0.47	0.17	0.62	0.51	0.14	1.77	0.21	0.41	3.02	0.58	12
	13	0.25	0.51	0.43	0.36	3.46	0.42	0.49	0.88	0.17	0.39	2.32	0.55	13
	14	0.24	0.46	0.42	0.94 +	1.85	0.36	0.58	0.58	0.16	0.55	2.81	0.52	14
	15	0.23	0.41	0.37	0.58	1.08	0.32	0.30	0.46	0.14	1.71	4.22	0.65	15
	16	0.22	0.38	0.33	0.39	0.83	0.29	1.76	0.36	0.13	2.67	3.72	1.21	16
	17	0.20	0.35	0.32	0.32	0.69	0.26	3.79 +	0.31	0.13	5.83 +	3.22	3.56 +	17
	18	0.19	0.33	0.31	0.28	0.61	0.22	2.55	0.26	0.12	3.04	2.34	2.22	18
	19	0.19	0.30	0.42	0.26	0.51	0.20	1.20	0.23	0.17	2.53	2.08	1.53	19
	20	0.22	0.73	0.85	0.27	0.44	0.23	0.72	0.23	0.17	1.73	1.74	1.22	20
+ Maximum Massimo	21	0.39	1.96	0.59	0.27	0.39	0.35	0.57	0.19	0.13	1.33	1.47	1.73	21
	22	0.30	1.06	1.07	0.24	0.37	0.22	0.46	0.18	0.13	2.77	1.88	1.63	22
	23	0.26	2.45	0.80	0.22	0.56	0.17	0.38	0.17	0.94	2.21	1.56	1.75	23
	24	0.54	2.61	0.59	0.22	0.70	0.50	0.33	0.17	4.39 +	2.09	2.74	1.37	24
	25	0.62	1.97	0.47	0.20	0.66	0.24	0.30	0.16	3.43	2.27	2.23	1.12	25
	26	0.81	1.64	0.41	0.23	0.67	0.19	0.27	0.15	2.44	2.20	2.11	0.96	26
	27	1.43	2.15	0.37	0.67	0.81	0.18	0.22	0.15	2.35	1.46	1.98	0.83	27
	28	1.53 +	2.93 +	0.34	0.38	0.71	0.17	0.20	0.16	1.29	1.09	1.62	0.79	28
	29	0.83	0.32	0.29	0.50	0.16	0.16	0.18	0.14	0.79	0.87	1.37	0.95	29
	30	0.55	0.31	0.24	0.39	0.16	0.16	0.17	0.13	0.59	0.73	1.23	0.88	30
31	0.44	0.29	0.29	0.34	0.34	0.16	0.18	0.19	0.19	0.62	0.62	0.81	31	
Monatsmittel Moyenne mensuelle Media mensile	0.45	0.98	0.82	0.30 -	1.16	0.40	0.55	0.45	0.70	1.50	2.47 +	1.15	m ³ /s	
Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data	3.10 27.	4.30 28.	4.20 2.	1.20 - 27.	6.30 4.	3.20 7.	6.60 17.	4.20 4.	6.70 24.	10.6 + 17.	8.10 9.	5.60 17.	m ³ /s	
Jahresmittel / Moyenne annuelle / Media annua	0.91 m ³ /s													



Periode / Période / Periodo		1984 – 2002											(19 Jahre / années / anni)			
Monatsmittel Moyenne mensuelle Media mensile		0.74	0.75	0.87 +	0.87 +	0.71	0.58	0.40	0.22 -	0.35	0.45	0.73	0.80	m ³ /s		
Maximum / Massimo (Spitze / Pointe / Punta) Jahr / Année / Anno		8.60 - 1995	14.8 1999	17.7 2001	9.00 1986	25.0 + 1994,1999	19.6 1990	18.2 1997	13.3 1999	9.30 1987	10.6 2002	16.1 1995	12.0 1997	m ³ /s Dat.		
Minimum / Minimo (Tagesmittel / Moyenne journal. / Media giornal.)		0.10 1989	0.09 1989	0.10 1986	0.12 + 1996	0.10 1989	0.06 1989	0.05 1984	0.02 - 1984	0.02 - 1984	0.06 1985,1986	0.08 1985	0.04 1986	m ³ /s Dat.		
Größtes Jahresmittel Moyenne annuelle la plus grande La più grande media annua		0.95 (1999)			m ³ /s	Mittlerer Abfluss Débit moyen Portata media			0.62			m ³ /s	Kleinstes Jahresmittel Moyenne annuelle la plus petite La più piccola media annua		0.28 (1989)	m ³ /s

Dauer der Abflüsse (erreicht oder überschritten) / Débits classés (atteints ou dépassés) / Durata delle portate (raggiunte o sorpassate)													
Tage / Jours / Giorni	1	3	6	9	18	36	55	73	91	114	137	160	
2002	5.83	4.39	4.11	3.59	3.12	2.33	1.90	1.53	1.21	0.88	0.72	0.59	m ³ /s
1984 - 2002	5.29	3.73	3.06	2.70	2.11	1.52	1.16	0.93	0.76	0.61	0.49	0.40	m ³ /s
Tage / Jours / Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2002	0.51	0.42	0.36	0.30	0.27	0.24	0.21	0.18	0.16	0.14	0.13	0.12	m ³ /s
1984 - 2002	0.34	0.28	0.24	0.20	0.17	0.15	0.13	0.11	0.09	0.08	0.07	0.02	m ³ /s

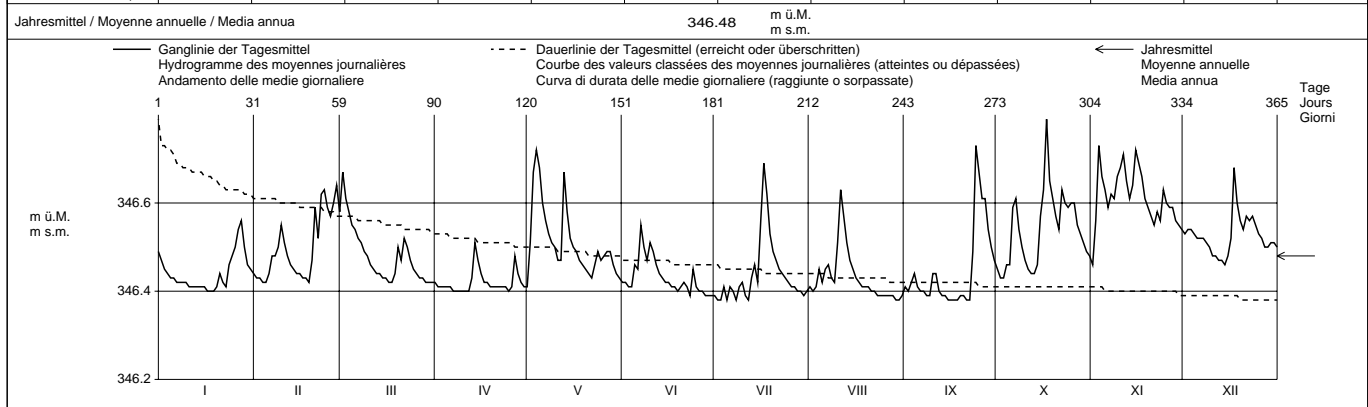
Wasserstand
Niveau d'eau
Livello d'acqua

Hintere Frenke - Bubendorf, Morgental

BL 309

Koordinaten
Coordonnées
Coordinate 622 270 / 256 550 Höhe
Altitude
Altitudine 352.0 m ü.M.
m s.m.
m s.m. Fläche
Surface
Superficie 38.20 km²
Mittlere Höhe
Altitude moyenne
Altitudine media 603.0 m ü.M.
m s.m.
m s.m. Vergletscherung
Extension glacier
Ghiacciaio 0.00 %

2002		Jan./Janv. Genn.	Feb./Févr. Febr.	März/Mars Marzo	April/Avril Aprile	Mai/Mai Maggio	Juni/Juin Giugno	Juli/Juillet Luglio	Aug./Août Agosto	Sept./Sept. Sett.	Okt./Oct. Ott.	Nov./Nov. Nov.	Dez./Déc. Dic.	
Tagesmittel	1	346.49	346.44	346.58	346.42	346.41	346.42	346.39	346.41	346.41	346.45	346.46	346.53	1
	2	346.47	346.43	346.67 +	346.41	346.51	346.42	346.38	346.40	346.40	346.43	346.56	346.54	2
Moyenne journalière	3	346.45	346.43	346.61	346.41	346.67	346.41	346.38	346.41	346.42	346.43	346.73 +	346.54	3
	4	346.44	346.42	346.58	346.41	346.72 +	346.41	346.41	346.45	346.44	346.46	346.66	346.53	4
Media giornaliera	5	346.43	346.42	346.55	346.41	346.68	346.46	346.38	346.42	346.41	346.46	346.63	346.52	5
	6	346.43	346.44	346.54	346.41	346.60	346.45	346.41	346.45	346.40	346.59	346.59	346.52	6
+ Maximum Massimo	7	346.42	346.48	346.52	346.40	346.56	346.55 +	346.40	346.46	346.40	346.61	346.62	346.52	7
	8	346.42	346.48	346.51	346.40	346.53	346.50	346.38	346.43	346.39	346.54	346.61	346.51	8
- Minimum Minimo	9	346.42	346.50	346.49	346.40	346.51	346.47	346.41	346.42	346.39	346.50	346.66	346.50	9
	10	346.42	346.55	346.48	346.40	346.50	346.51	346.42	346.51	346.44	346.47	346.68	346.48	10
m ü.M. m s.m.	11	346.41	346.51	346.46	346.40	346.47	346.49	346.39	346.63 +	346.44	346.45	346.71	346.48	11
	12	346.41	346.48	346.45	346.40	346.47	346.46	346.38	346.57	346.40	346.44	346.65	346.47	12
+ Maximum Massimo	13	346.41	346.46	346.44	346.43	346.67	346.44	346.43	346.51	346.39	346.44	346.61	346.47	13
	14	346.41	346.45	346.44	346.51 +	346.58	346.43	346.46	346.47	346.39	346.46	346.64	346.46	14
- Minimum Minimo	15	346.41	346.44	346.43	346.42	346.52	346.42	346.42	346.45	346.38	346.57	346.72	346.48	15
	16	346.41	346.44	346.43	346.44	346.50	346.42	346.56	346.43	346.38	346.63	346.69	346.52	16
+ Maximum Massimo	17	346.40	346.43	346.42	346.42	346.49	346.41	346.62 +	346.42	346.38	346.79 +	346.66	346.68	17
	18	346.40	346.43	346.42	346.42	346.47	346.41	346.62	346.41	346.38	346.65	346.61	346.60	18
- Minimum Minimo	19	346.40	346.42	346.44	346.41	346.46	346.40	346.53	346.41	346.39	346.61	346.59	346.56	19
	20	346.41	346.47	346.50	346.41	346.45	346.41	346.49	346.41	346.39	346.57	346.57	346.54	20
+ Maximum Massimo	21	346.44	346.59	346.47	346.41	346.44	346.42	346.47	346.40	346.38	346.54	346.55	346.57	21
	22	346.42	346.52	346.52	346.41	346.43	346.41	346.45	346.40	346.38	346.63	346.58	346.56	22
- Minimum Minimo	23	346.41	346.62	346.50	346.41	346.46	346.39	346.44	346.39	346.49	346.60	346.56	346.57	23
	24	346.46	346.63	346.47	346.41	346.49	346.45	346.43	346.39	346.73 +	346.59	346.63	346.55	24
+ Maximum Massimo	25	346.48	346.59	346.45	346.40	346.47	346.41	346.42	346.39	346.67	346.60	346.60	346.53	25
	26	346.50	346.57	346.44	346.41	346.48	346.40	346.41	346.39	346.61	346.60	346.59	346.52	26
- Minimum Minimo	27	346.54	346.60	346.43	346.48	346.49	346.40	346.41	346.39	346.61	346.55	346.59	346.50	27
	28	346.56 +	346.64 +	346.43	346.44	346.49	346.39	346.40	346.39	346.54	346.53	346.56	346.50	28
+ Maximum Massimo	29	346.50	346.42	346.42	346.42	346.46	346.39	346.40	346.38	346.50	346.51	346.55	346.51	29
	30	346.46	346.42	346.42	346.41	346.44	346.39	346.39	346.38	346.47	346.49	346.54	346.51	30
- Minimum Minimo	31	346.45	346.42	346.42	346.41	346.43	346.39	346.40	346.39	346.48	346.48	346.50	346.50	31
	Monatsmittel Moyenne mensuelle Media mensile	346.44	346.49	346.48	346.42	346.51	346.43	346.44	346.43	346.45	346.54	346.61 +	346.52	m ü.M. m s.m.
Maximum / Massimo (Spitze / Pointe / Punta) Datum / Date / Data	346.65 27.	346.72 28.	346.71 2.	346.53 - 27.	346.82 4.	346.66 7.	346.83 17.	346.72 4.	346.83 24.	347.00 + 17.	346.90 9.	346.78 17.	m ü.M. m s.m.	
Minimum / Minimo (Momentan / momen- tané / momentaneo)	346.40 20.	346.41 5.	346.42 31.	346.39 13.	346.41 1.	346.38 22.	346.37 - 9.	346.37 - 30.	346.37 - 22.	346.42 4.	346.46 + 2.	346.46 + 14., 15.	m ü.M. m s.m.	
Jahresmittel / Moyenne annuelle / Media annua	346.48 m ü.M. m s.m.													



Periode / Période / Periodo		1984 – 2002 (19 Jahre / années / anni)												
Monatsmittel Moyenne mensuelle Media mensile		346.47	346.47	346.49 +	346.49 +	346.47	346.45	346.42	346.39 -	346.41	346.43	346.46	346.48	m ü.M. m s.m.
Maximum / Massimo (Spitze / Pointe / Punta) Jahr / Année / Anno	346.93 - 1986	347.14 1999	347.22 2001	346.99 1986	347.38 + 1999	347.29 1990	347.23 1997	347.09 1999	347.00 1987	347.00 2002	347.17 1995	347.05 1997	m ü.M. m s.m. Dat.	
Minimum / Minimo (Momentan / momen- tané / momentaneo)	346.37 + 1989	346.36 1989	346.37 + 1986	346.37 + 1986	346.37 + 1989	346.34 1989	346.34 1984	346.32 - 1984	346.32 - 1984	346.34 1985	346.35 1985	346.33 1986	m ü.M. m s.m. Dat.	
Grösstes Jahresmittel Moyenne annuelle la plus grande La più grande media annua		346.49 (1999) m ü.M. m s.m.			Mittlerer Wasserstand Niveau d'eau moyen Livello d'acqua medio 346.45 m ü.M. m s.m.				Kleinstes Jahresmittel Moyenne annuelle la plus petite La più piccola media annua 346.41 (1989) m ü.M. m s.m.					

Dauer der Wasserstände (erreicht oder überschritten) / Niveaux d'eau classés (atteints ou dépassés) / Durata dei livelli d'acqua (raggiunte o sorpassate)													
Tage / Jours / Giorni	1	3	6	9	18	36	55	73	91	114	137	160	
2002	346.79	346.73	346.71	346.68	346.66	346.61	346.58	346.56	346.53	346.51	346.49	346.47	m ü.M. m s.m.
1984 - 2002	346.79	346.71	346.67	346.64	346.61	346.57	346.53	346.51	346.50	346.48	346.46	346.44	m ü.M. m s.m.
Tage / Jours / Giorni	182	205	228	251	274	292	310	329	347	356	362	365	
2002	346.46	346.44	346.43	346.42	346.41	346.41	346.40	346.40	346.39	346.38	346.38	346.38	m ü.M. m s.m.
1984 - 2002	346.43	346.42	346.41	346.40	346.39	346.39	346.38	346.38	346.36	346.36	346.35	346.32	m ü.M. m s.m.